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Listing of Claims:

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1. (Cancel)

2. (Amended)

A composition of matter comprising at least one polypeptide of claim 1 8 in a pharmaceutically acceptable carrier.

3. (Amended)

The A polypeptide of claim 1 8 bound to a second peptide to form a fusion protein wherein said second peptide which acts as an adjuvant.

4. (represented)

The polypeptide of claim 3 wherein the second peptide is the A2 peptide of cholera toxin.

5. (Represented)

The composition of claim 2 wherein the polypeptide of the neurotoxin of C. botulinum is bound to the A2 peptide of cholera toxin.

6. (represented)

A method of immunizing a mammal susceptible to botulism by administration of a composition of claim 3.

7. (represented)

B1  
The method of claim 6 wherein the composition contains a polypeptide of neurotoxin of C. botulinum bound to the A2 peptide of cholera toxin.

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8. (Newly presented)

B2  
An isolated polypeptide consisting of at least 100 amino acids from either domain H<sub>445-661</sub> or H<sub>1150-1289</sub> of the neurotoxin C. Botulinum.

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